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Page 1 of 2

8/25/04

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**United States Patent and Trademark Office**  
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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/709,252	04/23/2004	Trent A. Fulgham	718220.171

27128  
BLACKWELL SANDERS PEPER MARTIN LLP  
720 OLIVE STREET  
SUITE 2400  
ST. LOUIS, MO 63101

O I P E

AUG 24 2004

JC 13

Tren

**CONFIRMATION NO. 3251**

**FORMALITIES LETTER**



\*OC000000013062308\*

Date Mailed: 06/24/2004

**NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**

FILED UNDER 37 CFR 1.53(b)

### ***Filing Date Granted***

#### **Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
  - To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is \$130 for a Large Entity

- \$130 Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts

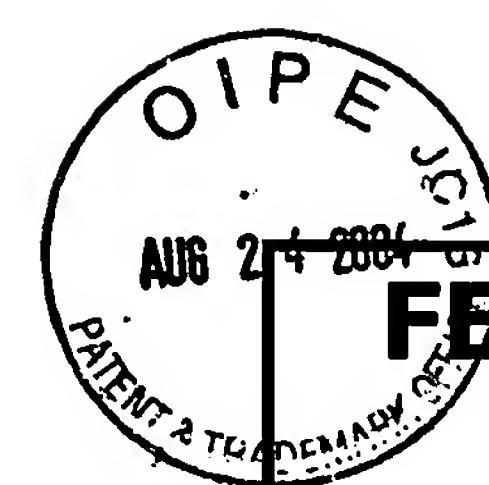
08/26/2004 BSAYASI1 00000016 110160 10709252 Commissioner for Patents  
01 FC:1051 130.00 DA P.O. Box 1450  
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

*Y.G.*  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY



AUG 24 2004

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/17 (01/03)  
Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

5

		Complete if Known	
		Application Number	10/709,252
		Filing Date	April 23, 2004
		First Named Inventor	Trent A. Fulghum, et al.
		Examiner Name	not yet known
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Art Unit	3611
<b>TOTAL AMOUNT OF PAYMENT</b>		( <b>\$</b> ) 130.00	Attorney Docket No.
			718220.171

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																															
<input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account: Order Deposit Account Number 11-0160 Deposit Account Name BLACKWELL SANDERS PEPPER MARTIN LLP		<b>3. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> </tr> </thead> <tbody> <tr> <td>Fee Code</td> <td>Fee (\$)</td> <td>Fee Code</td> <td>Fee (\$)</td> <td>Fee Description</td> <td>Fee Paid</td> </tr> </tbody> </table>				Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid																																				
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The Commissioner is authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fees indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		1051 130 2051 65 Surcharge - late filing fee or oath 1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet 1053 130 1053 130 Non-English specification 1812 2,520 1812 2,520 For filing a request for ex parte reexamination 1804 920* 1804 920* Requesting publication of SIR prior to Examiner action 1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action 1251 110 2251 55 Extension for reply within first month 1252 420 2252 210 Extension for reply within second month 1253 950 2253 475 Extension for reply within third month 1254 1,480 2254 740 Extension for reply within fourth month 1255 2,010 1155 1,005 Extension for reply within fifth month 1401 330 2401 165 Notice of Appeal 1402 330 2402 165 Filing a brief in support of an appeal 1403 290 2403 145 Request for oral hearing 1451 1,510 1451 1,510 Petition to institute a public use proceeding 1452 110 2452 55 Petition to revive - unavoidable 1453 1,330 2453 665 Petition to revive - unintentional 1501 1,330 2501 665 Utility issue fee (or reissue) 1502 480 2502 240 Design issue fee 1503 640 2503 320 Plant issue fee 1460 130 1460 130 Petitions to the Commissioner 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 1806 180 Submission of Information Disclosure Stmt 8021 40 8021 40 Recording each patent assignment per property (times number of properties) 1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b)) 1801 770 2801 385 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application Other fee (specify) _____																																															
1. BASIC FILING FEE <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1001</td> <td>770</td> <td>2001</td> <td>385</td> <td>Utility filing fee</td> <td></td> </tr> <tr> <td>1002</td> <td>340</td> <td>2002</td> <td>170</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>1003</td> <td>530</td> <td>2003</td> <td>265</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>1004</td> <td>770</td> <td>2004</td> <td>385</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>1005</td> <td>160</td> <td>2005</td> <td>80</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="2">SUBTOTAL (1) (\$)</td> <td colspan="4"></td> </tr> </tbody> </table>		Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	1001	770	2001	385	Utility filing fee		1002	340	2002	170	Design filing fee		1003	530	2003	265	Plant filing fee		1004	770	2004	385	Reissue filing fee		1005	160	2005	80	Provisional filing fee		SUBTOTAL (1) (\$)						1001 770 2001 385 Utility filing fee 1002 340 2002 170 Design filing fee 1003 530 2003 265 Plant filing fee 1004 770 2004 385 Reissue filing fee 1005 160 2005 80 Provisional filing fee SUBTOTAL (1) (\$)			
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2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Independent Claims</th> <th>Multiple Dependent</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> <tr> <td></td> <td></td> <td></td> <td>-20**</td> <td>= 0</td> <td>x = 0</td> </tr> <tr> <td></td> <td></td> <td></td> <td>-3**</td> <td>= 0</td> <td>x = 0</td> </tr> </thead> <tbody> <tr> <td colspan="2"></td> <td colspan="4"></td> </tr> </tbody> </table>		Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid				-20**	= 0	x = 0				-3**	= 0	x = 0							1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 ** Reissue independent claims over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$)																							
Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid																																												
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**or number previously paid, if greater; For Reissues, see above						*Reduced by Basic Filing Fee Paid																																											
						SUBTOTAL (3) (\$ 130.00)																																											

SUBMITTED BY		(Complete if applicable)		
Name (Print/Type)	Mark E. Stallion	Registration No. (Attorney/Agent)	46,132	Telephone 314-345-6000
Signature				Date Aug 24, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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STLD01-1095235-1



PATENT  
718220.171

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Fulghum, Trent A. : Examiner: Not Yet known  
Serial No.: 10/709,252 : Group Art Unit: 3611  
Filed: April 23, 2004 : Attorney Docket No.: 718220.171  
For: JOYSTICK CONTROLLED :  
SCRUBBER : Customer No.: 027128  
: Confirmation No.: 3251

RESPONSE

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notice to File Missing Parts of Nonprovisional Application, dated June 24, 2004, Applicants enclose herewith:

1. Transmittal;
2. Fee Transmittal;
3. The original, signed Declaration signed by the inventors;
4. Power of Attorney;
5. Statement Under 37 CFR 3.73(b) with Copy of Assignment;
6. Copy of the Notice to File Missing Parts of Nonprovisional Application;

Application of: Fulghum, Trent A.  
Serial No.: 10/709,252  
Response to Missing Parts

7. Return Receipt Postcard.

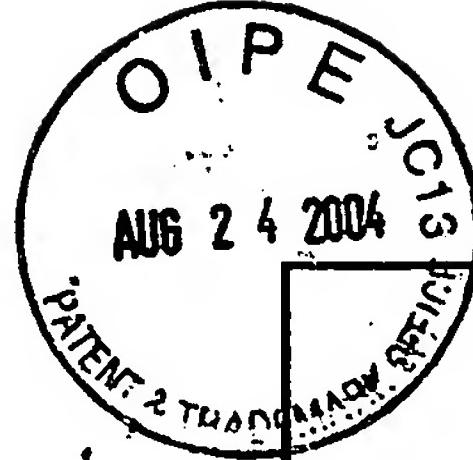
Date: Aug 24, 2004

Respectfully submitted,



Mark E. Stallion  
Reg. No. 46,132  
Blackwell Sanders Peper Martin LLP  
720 Olive Street, 24th Floor  
St. Louis, Missouri 63101  
(314) 345-6000

ATTORNEYS FOR APPLICANT



PTO/SB/21 (02-04)  
Approved for use through 7/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/709,252
		Filing Date	April 23, 2004
		First Named Inventor	Fulghum, Trent A.
		Group Art Unit	3611
		Examiner Name	Not yet known
Total Number of Pages in This Submission	13	Attorney Docket Number	718220.171

## ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below); Declaration; Statement Under 37 CFR 3.73b with copy of Assignment; Part 2 Copy Notice to File Missing Parts; return postcard
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)		
<input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks:	
<input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	Mark E. Stallion, Reg. No. 46,132 Blackwell Sanders Peper Martin LLP
Signature	
Date	Aug 24, 2004

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.  
Express Mail Label No.: EV390579561US

Typed or printed name	Lisa Askew		
Signature		Date	August 24, 2004

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